

**J****L****K****ENGINEERING, P.C.**

CIVIL/STRUCTURAL

ARCHITECTURAL

INGENUITY IN ENGINEERING

TRANSPORTATION

**PUBLIC WORKS****COMMERCIAL****RESIDENTIAL**

5788 STONE ROAD

LOCKPORT, NEW YORK 14094

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**JAMES L. KLINO, P.E.  
PRESIDENT OF JLK ENGINEERING, P.C.**

**RELATED WORK EXPERIENCE:**

**JLK Engeneuring, P.C.  
5788 Stone Road  
Lockport, New York 14094**

Detailed Structural analysis, and design, inspection, condition assessment, & load rating of bridge structures of all types. Bridge jacking analysis & design to replace bearings and repair concrete pedestals and piers.

Structural analysis & design of scaffold systems & cable suspended metal deck Platform systems including but not limited to cables, metal decking, post clamping plates intermediate hangers, cable tie ups and all other component design peculiar to each type of structure.

Custom design of scaffold & containment systems (rolling, modular, stationary, vertical and horizontal opening and closing, etc.) for steel, concrete and masonry structures (bridges, buildings, water tanks, chemical process towers, etc.) with difficult and varying geometric configurations of steel, traffic restrictions, waterway restrictions, and paint removal methods. Design of containment systems in conformance with SSPS Guidelines and all levels of containment types including designs required to resist and sustain hurricane wind speeds.

Design in conformance with all applicable codes and industry standards (IE: AISC, ACI, OSHA, SSPC, Etc.)

Staad analysis used extensively in modeling Bridges, Scaffolds, & Platform systems, analysis of existing structures to verify adequacy of supporting imposed construction loads.

Detailed Structural analysis, and design, inspection, condition assessment, & load rating of bridge structures Contract Documents (Plans and Calculations prepared and submitted for Agency approval on each project. Containment and Platform Systems have been custom designed on numerous projects some of which are listed below:

**Pedestrian Bridge (Br 01920) over I-691-Connecticut**

**Mackinac Bridge-Michigan-Mackinac Bridge Authority**

**Hausna River Bridge-California-CALTRANS**

**Lewis & Clark Bridge-Oregon-Washington**

**SR76 Bridge-Philadelphia**

**Centre-Stockton Bridge-Pennsylvania-Delaware River Joint Toll Commission**

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**Bridge 5895 Over the Mississippi River-Minnesota**  
**Milford-Montague Bridge-Pennsylvania-Delaware River Joint Toll Commission**  
**Bridge Jacking-I-395-Maryland**  
**Bridge Jacking-I-95-Philadelphia**  
**Coos Bay Bridge-California**  
**Walt Whitman Bridge-New Jersey**  
**Westfield River Bridge-Massachusetts**  
**15 Bridges in Baltimore County, Maryland**  
**10 Bridges in Montgomery County, Maryland**  
**14 Bridges on Baltimore Harbor Tunnel Throughway & Francis Scott Key Facility Bridges**  
**Massachusetts Turnpike-Structures # 11 & 14 (Tunnels)**  
**SR 422 Bridge-Pennsylvania**  
**I-81 Bridges Over various State Routes**  
**Rte 3 Bascule Bridge-New Jersey**  
**5 Bridges in Baltimore County-Maryland**  
**Market Street Bridge Repairs-New Jersey Transit**  
**Old Winchester Road Bridge-Oregon**  
**Paper Mill Road Bridge-Maryland**  
**Warner River Bridge-New Hampshire**  
**Tappan Zee Bridge-New York**  
**Kennebec River Bridge-Maine**  
**Tenton-Morrisville Bridge-Pennsylvania/New Jersey-Delaware River Joint Toll Commission**  
**Severn River Bridge**  
**Francis Scott Key Bridge-Maryland Trans. Auth. (4th Largest Single Span Truss Bridge in the World)**  
**Ben Franklin Bridge Towers Delaware Bridge Authority**  
**Manhattan Bridge NYCDOT**  
**Chesapeake Bay Bridge**  
**Tinsley Viaduct-Manchester-United Kingdom (Steel Box Girder)**  
 Lincoln Tunnel Helix - PANY & NJ George Slattery  
 Outer Bridge Crossing - PANY & NJ Tom Scarcella  
 George Washington Bridge - PANY & NJ Harendra Patel  
 Goethals Bridge - PANY & NJ Harendra Patel  
 Midtown Viaduct  
 Chesapeake Bay Bridge  
 Tobin Bridge, Mass.  
 Rehabilitation of I-75 Business Spur, Sault Ste. Marie, Mi.  
 Painting of various bridges in Hartford , Connecticut  
 Veterans Memorial Highway Bridge over the Genesee River  
**Haddam Swing Bridge CONNDOT**

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**Kolekole Bridge Hawaii (Deck Truss)****Kapue Bridge Hawaii (Deck Truss)****Hanalei Bridge Hawaii (Truss)****Sand River Bascule Bridge Hawaii****Mount Hope Bridge Rhode Island (Girder/Floor Beam/Stringer)****Old Socastee Swing Bridge****Broadway Bridge Oregon DOT (Camel Back Truss, Bascule)****BOSTON ARTERY PROJECTS-BIG DIG****Viaduct Demolition****Residual Ramps C19E6 (Girder)****Central Artery I-90/Route 1A CO8A1 (Girder/Floor Beam)****Charles River Bridge C19BA (Truss)****Congress Street Bridge, Boston (Bascule)****Kingston Rhinecliff Bridge Over the Hudson Deck Truss/Floor Beam/Stringer)****Lowrey Street Bridge, Minnesota (Truss)****Baudette Bridge, Minnesota, (Truss)****I-495 Over The Christina River, Delaware (Deck Truss/Floor Beam Main Span,& Girder Approaches)****South Market Street Bridge Over The Christina River (Bascule)****Walt Whitman Bridge ( Girder Approaches & Deck Truss/Floor beam Over Railroad)**35<sup>th</sup> Street Bridge over the Menomonee River, Wisconsin

U.P.R.R. &amp; Weber River Crossing, Utah

Salmon Creek Bridge, Mendocino Co. Ca.

Castleton Bridge over the Hudson River

S.R. 0611 Sec Mo3 – Bridge S-22202 over Neshaminy River CMS No. 061272 – Buck County

Bruckner/Cross Bronx Expressway

Bridge 369 &amp; 370 Ramps B &amp; D

Ramp T-6 over I – 635 Kansas Turnpike

Bridge # 62813 – Pelham Road Bridge over Bridge # 62814

Blue Ridge Parkway Bridge

Tainter Lake &amp; Hay River

Painting of various Bridges in Cattaraugus County

Painting of 18 Bridges in Delaware County

South Grand Island Bridge over the Niagara River

Duluth Ship Canal Lift Bridge

Lamar Ave. Bridge

Alsip Tank Scaffold

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Ambassador Bridge  
 San Francisco – Oakland Bay Bridge  
 Pulaski Bridge  
 Rock Island Arsenal Bridge  
 Route 69 bridge over the Missouri River  
 McCLUGAGE Bridge over the Illinois River  
 Ambassador Bridge  
 Marine Parkway  
 Broadway Bridge  
 Washington Avenue Bridge  
 JFK Bridge  
 Naval Submarine Base Kings Bay Georgia  
 Thousand Island Bridge  
 Outer Bridge Crossing over the Arthur Kill River  
 Boston Chelsea McArdle Bridge  
 Columbia river bridge (nb)  
 Grandview Avenue Overpass  
 Willis Avenue Bridge  
 Washington Co. Bridge # 82501  
 SUNYAB Scaffolding Project  
 Sr. 4006 So. Bnd city Ave Bridge over the Schuykill River  
 Albion River Bridge  
 Bay Farm Bridge  
 Presidio Bridge Approach to the Golden Gate Bridge  
 Sacramento Overpass  
 Valley Blvd over the Pacific Railroad  
 Soledad Canyon Road Bridge over the Santa Clara River